

Y².

7400.F.30

Cases of
Chronic Diseases.
Began in Philad^a.
1770.
By
W. Ruth

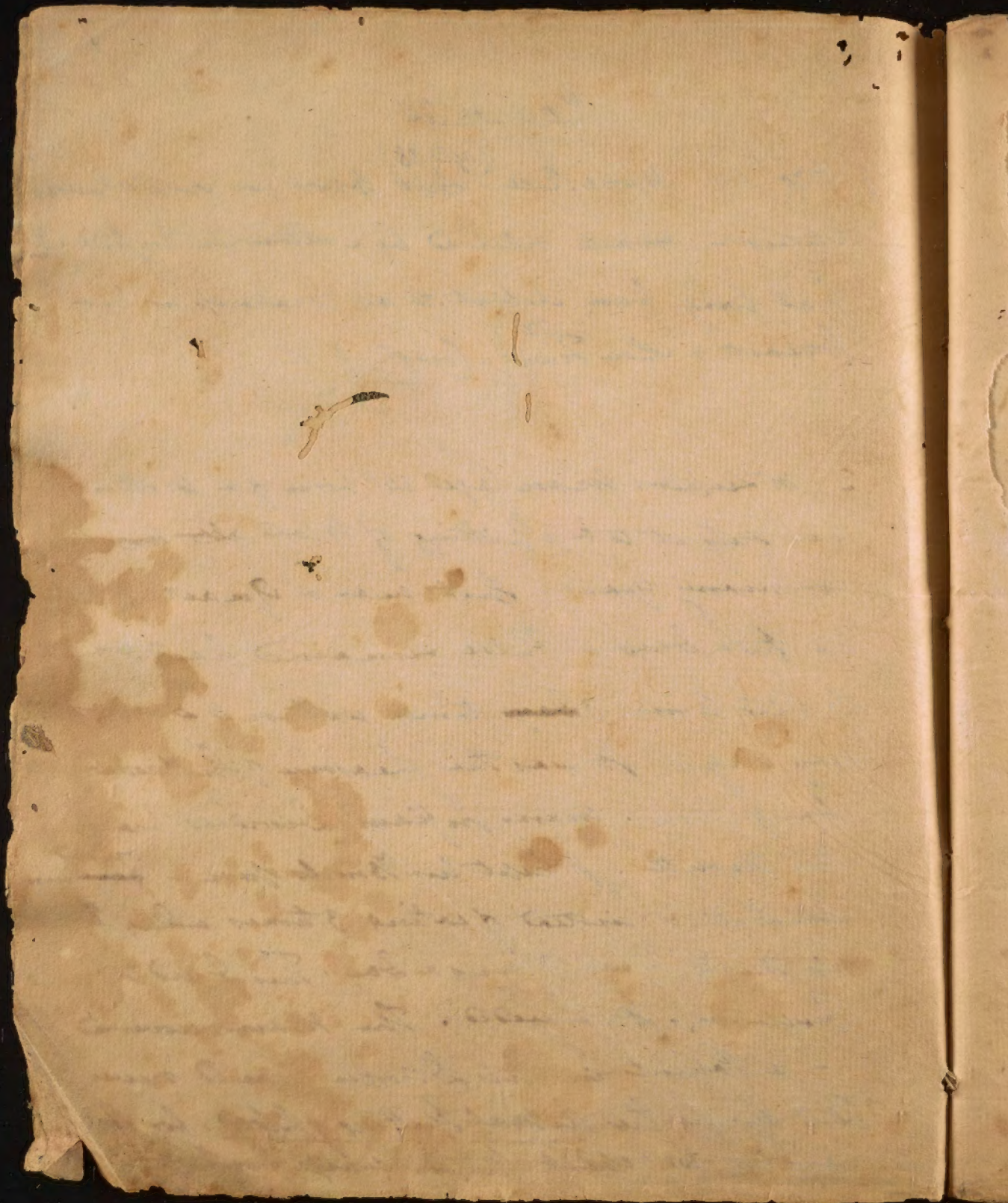


Hæmoptoe.

1. 1770 — Nurse Rice (aged 38) spit blood in small quantities — much relieved by a Seton in her side. She had long been subject to a Weakness in her Breast — Slow Fever — Cough &c.

2. M^r Leiper's Man (aged 24) born of a Mother who was subject to a Spitting of blood ~~at~~ ^{for} ~~her~~ ^{her} life for many years — spit near a Quart of blood in two Days — Pulse remained hard & full. I bled him 3 ~~Days~~ times within 4 Days — blood very viscid — It was the Season of Inflam^d Disorders being June. many Inflam^d Disorders prevailed this Month. I kept his Bowels open — ^{ordered} ~~gave~~ him low Diet, & instead of eating 3 times a Day, ~~he~~ ^{he} divided his Meals, & eat 6 times a Day. This I did to prevent Irritation. It succeeded. The Man recovered.

— a Patient in this Disorder should never be bled during the actual Spitting of Blood, for by so doing we check the Discharge from the Lungs.





Epilepsy.

M^{rs} Ferguson's Daughter (aged 18) from being
 bed in the Foot in a bed cold in Dec^r 1769.
 was imm^d. seized wth Convulsions of $\frac{1}{2}$ ^a Hysteric
 kind w^{ch} continued for near a month - till
 her Nurses returned. These Fitts returned every
 2 or 3 weeks for some time. She took back
 Steel &c for some time but to no Purpose.
 - She used the Cold Bath 8. or 10 ~~times~~ times. After
 this a Crusta lactea appeared on her Head w^{ch}
 covered ~~the whole~~ every part of it. Her Fitts
 now left her. Her Mother applied to me to
 cure the Pustulation on her Head, but I declined
 it, & strictly forbid her doing any thing to it.
 - She has continued perfectly well these 4 or
 5 months. Does not this suggest ~~the~~
 that concerning the Advantage w^{ch} Issues, or
 Setons in the Neck might be in Epilepsy? -





[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]

Asthma

9

Juba a negrowoman (aged between 60 & 70)
has for these 25 years been seized ^{the} w: a
periodical Asthma the 20th of every May ^{the} w: generally
continues 6 weeks. I broke the Paroxysm
entirely in a few Days by ~~giving~~ giving her
a ~~for~~ solution of 7 Inset. in water ^{the} w: a
few Drops of Thebain Tincture in it.

The Asthma returned May 20 1771.
cured ut antea.

Mr Burdeary - afflicted 6 months with
an Asthma was inoculated for the small
pox - took 7 to prepare him - was
cured of his Asthma. - returned well to Charle-
stown South Carolina.

Letter

My dear friend
I have just received your letter of the 10th inst. and am
glad to hear from you. I am well and hope these few lines
will find you the same. I have been thinking much of late
of the state of the world and of the future of our country.
I feel that we are in a critical position and that the
people are not fully awake to the danger. I hope that
you will be able to do something to help us in this
crisis. I am, my friend, very truly,
Your friend,
[Signature]

10

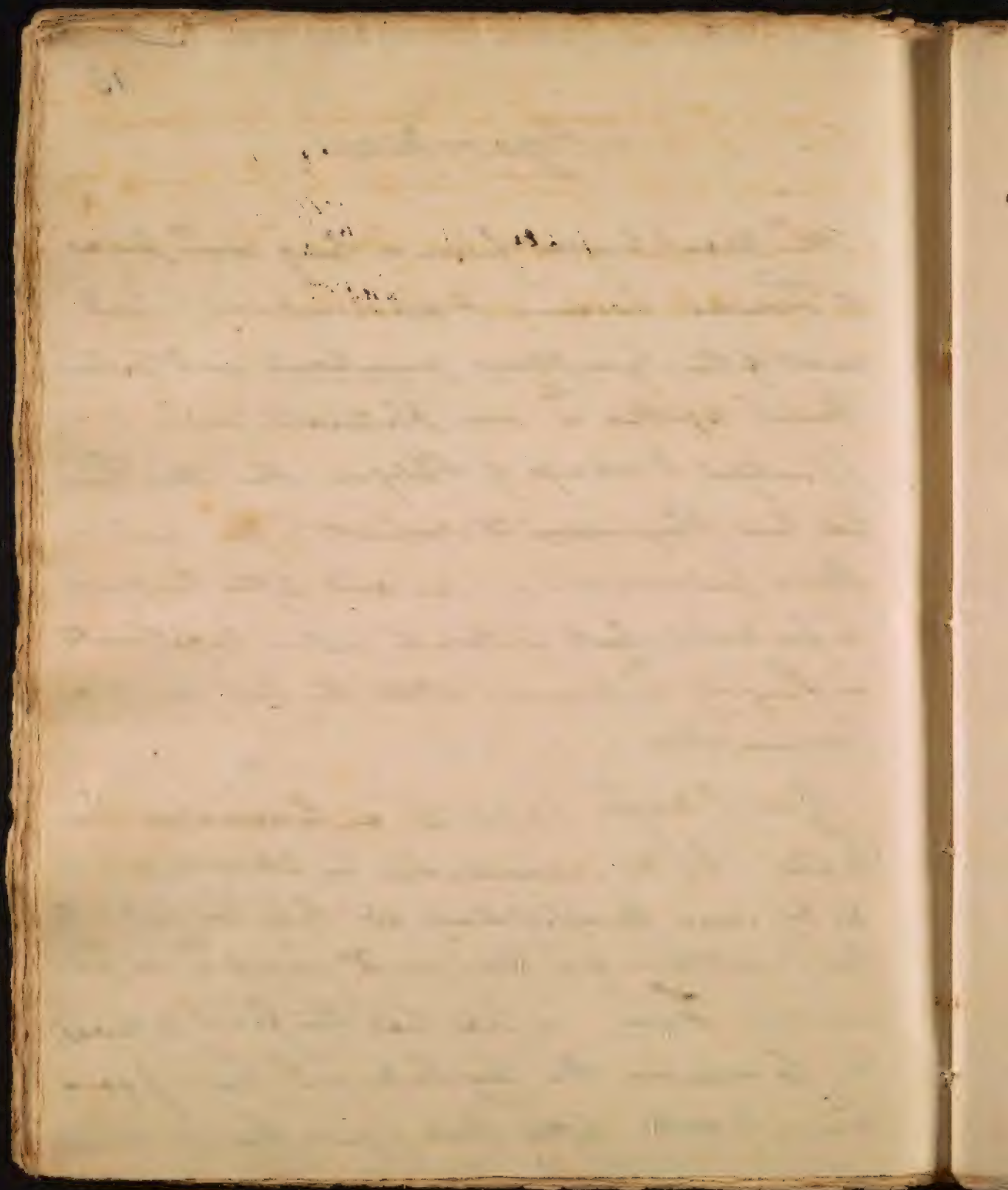




+ especially in p 5.

Hypochondriasis.

- 1 M^r. Macpherson from a long con^j series of Troubles became Hypochondriac. had most of the Symptoms mentioned in Dowling Thesisth together w: an Obstinate Cough, & a plentiful Discharge of Phlegm - Pus &c. This led her Physicians to suspect y^t she had a Stasis pulmonalis - she died after lingering a few weeks, but without either Night sweats, or Purging w: generally attend the last stage of a Consumption.
- 2 Ben: Barber (aged 26) a Shoemaker by Trade, by the sedentary life he followed, as well as by some thoughtfulness ab: Religion had all the Symptoms of a Hypochondth joined w: an Inter-mittent Fever. he had had the first 4 years. - To remove the Intermth Fever I gave him Bark, after this I gave him several



Dous of Salmon ^{the} touched his mouth ¹⁴,
& made him spit plentifully for some days.
— This cured of all his Cough. & he now
enjoys tolerable good Health! —



The first of these is the
 fact that the population of
 the country has increased
 very rapidly since the
 year 1800. This has been
 due to a number of causes,
 but the most important of
 them are the discovery of
 gold in California and
 the invention of the steam
 engine. These two factors
 have led to a great
 increase in the number of
 people who are able to
 live in the country, and
 this has in turn led to
 a great increase in the
 number of people who are
 able to live in the city.
 The second of these is the
 fact that the country has
 become more and more
 civilized since the year
 1800. This has been due
 to a number of causes,
 but the most important of
 them are the discovery of
 gold in California and
 the invention of the steam
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 this has in turn led to
 a great increase in the
 number of people who are
 able to live in the city.

28
+ see Buffon's nat: Hist: of the Horse
p: 12 in ^{wh} he says they are always
found in young Colts. —

+ in ^{wh} he gives an acc^t of an Epidemic
Worm Fever from V. clausius in Italy.

Do p: 468 — another Epid: Worm
Fever. —

a worm ^{Epidemic} Flux ^{the} w: all the symptoms
of both Disorders ~~is~~ ^{is} cured by wormmed:
described from Vanderwerf by Sauv.

see Pringle p: 8 — Fever not owing to
Worms. the same Heat. moisture — &
putrid state of the air ^{it} ~~is~~ brings on one
— favours the other. true! see p: 178. ©
ed. p. 329

Worms

Have never been looked upon as a Disease
 but the ^{or cause} consequence of a Disease - ~~of~~ ^{they}
 are the Cause of many - the consequence of
 not so many as has been imagined. ~~Healthy~~
 Children in the Country as well as town subject
 to them ^{& healthy animals of all kinds} - ~~to~~
 them - ~~they~~ ^{may not this be a cause of it being wealthy}
~~same~~ They are unknown in many parts
 [See Palmer's Thesis] - may they not be Epidemic
 sometimes? See Dr. & Dr. Huxham's Epidemics
 Vol: 2. p: 56. & 136. ^{see also Epid. Vol: 1 p: 76+}
 In the former Case
 supposed to be owing to bad Corn w: has been
 putrefied the Aug^r before by it is called mill Dew.
 - In Putrefaction An insalubre appear - were
 they carried in from this Corn? Beard is $\frac{2}{3}$ Alim.
 of the greatest part of Mankind particularly
 Children - see also the Diseases of June 1770
 p: 3 in Epid. not: - see Pringle & Monroe
 on the Camp Dysentery. ~~often bring on~~

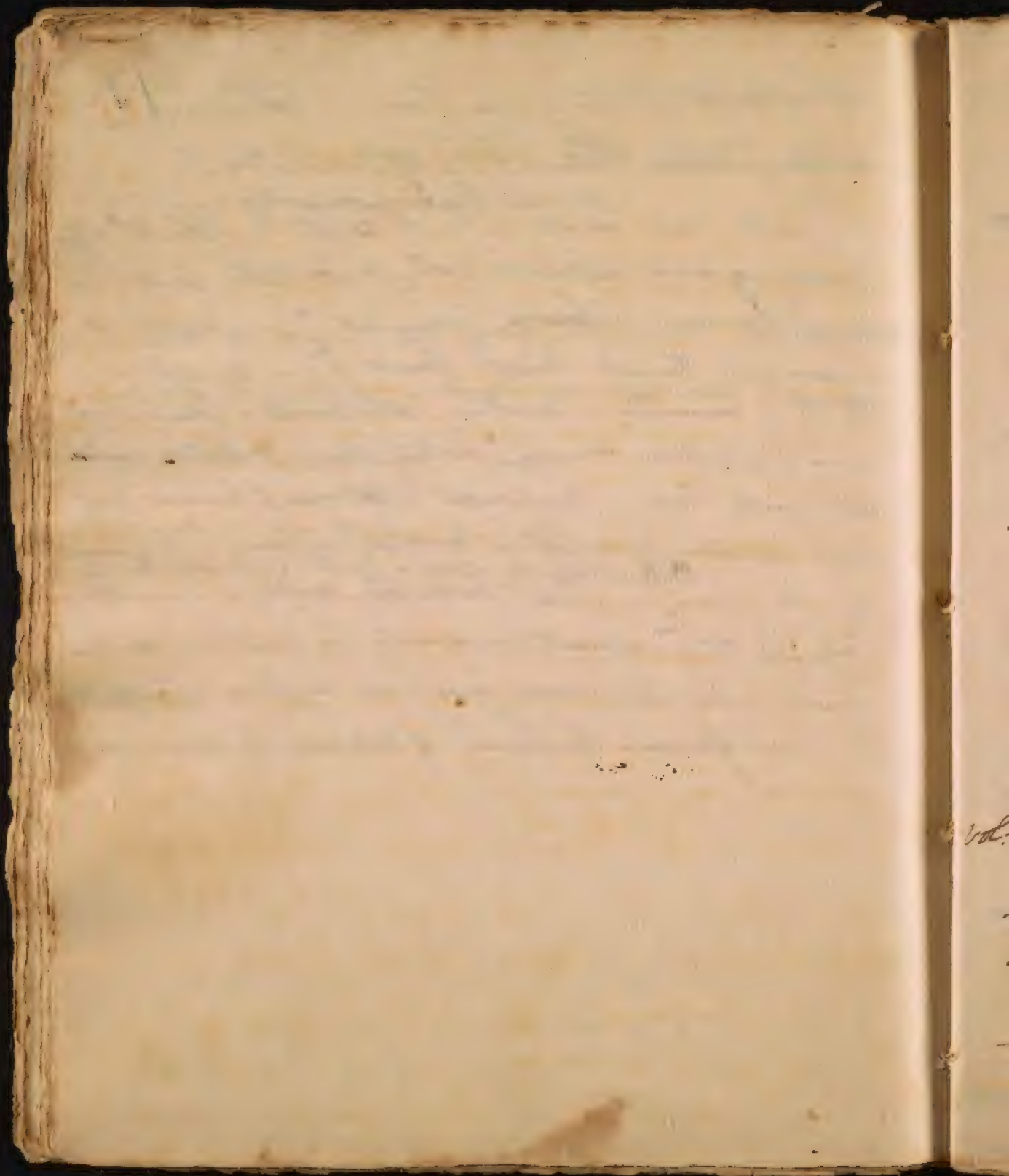
O. see also p: 218 - a strong confirmⁿ of this -
- They can eat thro' the gutt, for want
of proper Aliment.

But may not Worms sometimes
excite a Fever w^h will partake of ^{the} symptoms
of the Epidem: such as Inflam: Malign:
or Intermitting? - or

a violent Fever - see River: Vol. 4: p. 127. 17th ^{ch} _{in w}

He mentions *Tubris acutissima* Dec.

Who are most ^{morbi Predisponentes} subject to it? Childⁿ after weaning says Sauv: vol: 2 p. 338. meat he says favours y^e ~~the~~ Generat:ⁿ - Milk & Summer Fruits dont favor y^e: - Mendoch's Child 3 months - mother little milk - Child lived chiefly upon Bread - water - Sugar & Butter made up into Pap - discharged a Worm 3 Inches long - had bloody stools before disapp:^r upon y^e Discharge of the worm. - Childⁿ says he saw a Child of 3 Days old discharge a worm. - Childⁿ helps self - Milk & Fruits offered to y^e: Spontaneously by Nature - Nature kind - few Diseases bro't on by her - I hope they do not favour the Form:ⁿ of Worms - Grain - water



Historia morbi

The want of Pulse - & the low intermitt.
Pulse described by River. vol. 2. p. 207. &
 112 - to be insisted on. Case of Tormina

from 20 being knotted together Do p. 340.

- They sometimes creep thro' the Bowels - or
 Groin - see Tulpi: p. 199 - of the Taylor's wife.

- ~~Return~~ The Symptoms resemble a
 true Hysteria - Amen: Acad. Delii. p. 345

Cas: 3. ~~was~~ taken from Sauvage vol. 1 p. 58

- cured by a Discharge of a Knot of Worms
 means of a Purg.

~~but also~~ Phrenitis occasioned by
Worms see Comertus taken from Sauvage

vol. 1 p. 461. - Violent Pain in the Anus

see Sauv: Vol. 2 p. 146 - cured by Tobacco - &

Salt Glysters - alvi Capitis noctis superveniens
sed Inconstans Sauvage p. 688 vol. 2.

Sudores nocturni - Leint? vol. 1 p. 74

Convulsions Do. p. 75 from verme
denso apine in Glomeracum - pugni

41 - Obstracting the Duct: Com: Polyd:
Vol. 1 p. 211

terribilis Cries - affected like witchcraft from
a Tonia - p: 77.

Tatamus - conglomer. ^L worms - see
L. eroded Colon.
Saw: vol. 1 p: 544

Grinding the Teeth. -

a Cough attended w. ^{the} a Flushing in one Cheek

Singultus - Saw: vol. 1 p: 636.

Apopsey - from a Tonia - known by
a Dysenteria - Iunior, & flying pains in ^L belly
Saw: vol. 1 p: 851

Inordinate Appetite - said to denote ^L Tonia

Cardialgia - worms vellirated: ^L 7 Coats of ^L 7.
Saw: 2 p: 217.

Stomach. vol. 2 - p: 92.

Colera - see D: vol. 2 p 354

Folii D: - p: 101 - from Lumbicis - known
to proceed from this cause when attended w.
stools in the night.

Pleuroy - River: Cent: 1 - Obs: 75 from Lumbicis

Gravi Atrophy - vol. 1 p: 465 from Hoffman.

molem aquas & convoluti & mixti
contorti." 19

Intermittent Fever - or double Tertian ending
in convulsions - the same phenomena
in the Jejunum - p: 75 - a cough

Convulsions - ~~from~~ succeeding Stridors - & Inqui-
-etude in the night - lost on legs & limbs:
tires perforating the Decid: in a Ch? of 2
years old. - Do

Lethargy in a girl of 11 years old - from 12
worms in the small Guts conglomerated.

Symptoms of a malig: & Inflammⁿ Liver. see
Lei? - p: 76 & wit: Epid: p: 3. taken
from Velchius. -

Pulm: ^{ic} Comp^t of the Inf^{ty} hind from worms
conglomerated. - in the Stomach & Bowels
p: 76 - doubtful? -

Intermittent Fever.

Obstinate Dysentery - worms separated
conglomerate. p: 76

Violent pains in ^{ic} Bowels - Bowels eat thro.
Do from Riv: p: 77 of Leint? p: 77

a Jaundice wth Fever & from Lumbrici
++

Thus - Sauv: vol: 2. p: 350.

Obstinate Nausea - from a Larva - D^o p: 335
taken from Hildanus - Cen: 2 Ob: 70

Orthopnea - occurs? by worms rising in the
Throat from the stomach. Vol: 1 p: 674

Purpura - Sauv: vol: 1 p: 449 from Hist.
de l'Ac. Scien: 1714. p: 14. A

Syncope.

Vomiting - Sauv: vol: 2 p: 338 from Hoffman
Dry Cough called by Sauv: Tupis gutturalis
indicates worms in the Throat

Apoplexy - distinguish? from it by the
low Pulse & cold Extremities. Sicut? Precise
p: 342.

Short Breath - Starting in Sleep - lying on
the Belly - picking the nose - doubtful? - a
motion of the Pharynx like swallowing during
Sleep - irregular Appetite -
wringing of ~~the~~ ^{the} Belly w: ^{the} Hands. Baglivi
a Drop of Blood in continual Fever. Do
all these symptoms to a Pleurisy - see a

History
Form of the worms &c

20

See an Aut. of ~~see~~ a flat Lumbricus in Riv.
vol: 2 p 353 th was 7 feet long. - see Tulp. p: 163. - another Aut. of a flat. ~~to~~ worm in
the nose. Tulp. p: 299 - obstinate Headache
cured by their Discharge. -

The female worm contains not less than
6000 Eggs - this accounts for their great Increase
in the Body. many hundreds of them must be
destroyed, & discharged unobserved in the feces.

I see an Exp^t to this Purpose by Forster or if
this is not the case they must not all be
impregnated - but like the Bees have ~~great~~
~~many~~ ^{many} males. I see Lowenhoek's letters ad P. Regium
p: 257. - a few females. - The Head of the Bee is
always female - & has never less than 7000 -
Eggs - ^{two or three times} when she copulates every year & brings
forth as many Eggs as she has known Males
- was it otherwise no Hive w^d contain the
vast Increase of them.

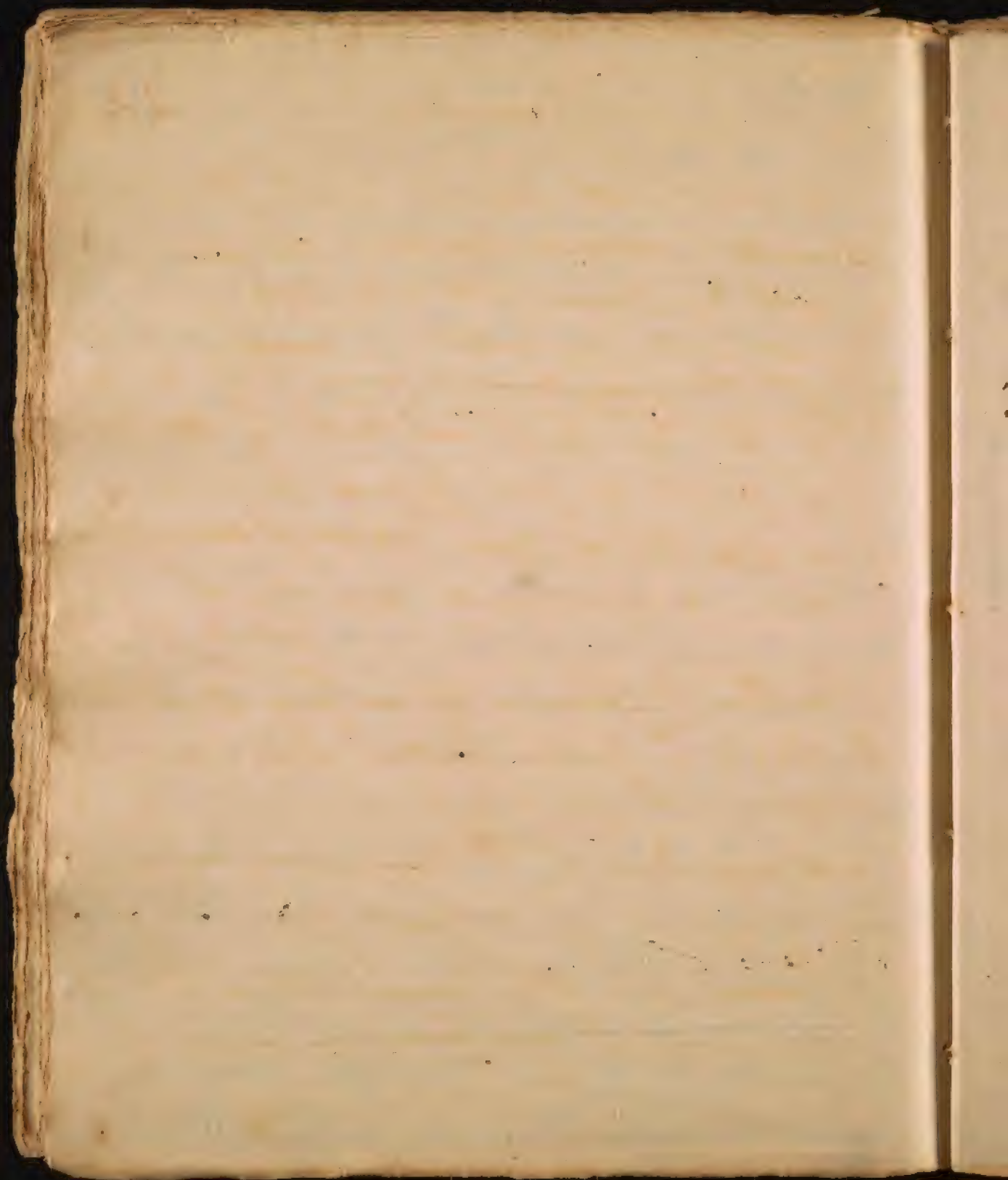
particulars see of this in Morgagni: ^{vol: 1} 63
in River: Vol: 2 - p: 82 -
- was not of Pleurisy but the original
Disease? - perhaps depending on Intestine? -
- the worms accidental - formed by the
same cause as in the Pleurisy - Morgagni
says in most the Thorax & were a little
inflamed - The Pleurisy may have been
symptomatic - ~

✓ They are 1° Pain in the Side & Breast
& incommencing 2° White mucous matter
3° Fever regular - 4° Pulse low small &
unequal - 5° Abatement of the symptoms
till the 6th or 7th Day - then great exacerbation - Days
of the Return: & the skin of a livid color.

After all - no sympt: pathog: but
the Discharge of worms - & even here 9
times within the course of the worms -
- always suspected in all the Diseases
- they have at any time appeared

under

21



Tobacco & Salt Glyst: cured the Morbus
Brasill: vermis dictus - see Saur: vol: 2. 146.

Salt by Saur: vol: 2 p: 689 -

Salt water by mead. - most of Chil: as
 well as other young animals have a Propensity to Salt &
 Sugar.

Rp $\frac{7}{4}$ Sp Sach: vel Mel: $\frac{3}{4}$ Coq: in
Ag: font: in vas: Cupres & min: 4v

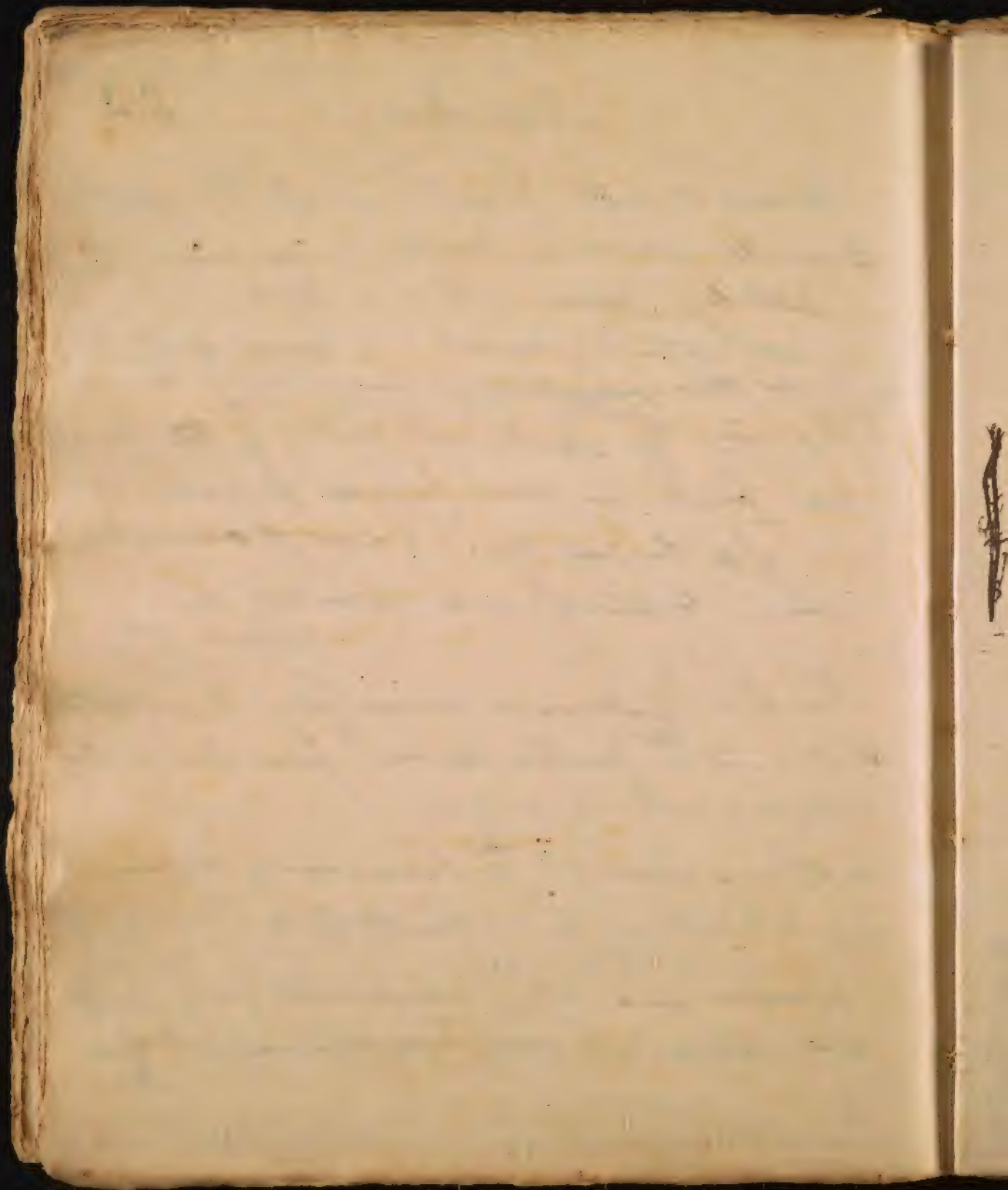
- bi lat Ag va mo cho
Vom: & Alvid Lap tas cien tas &

Glauc: p: p: 41

In the Epidemic worm Flux Bread toasted
 & spread w Garlic recom: from Kozer by
Saur: vol: 2 p: 329

a strong Dose of the w. Scammony recom:
 by Kaplin in violent Cases. see also
River: vol: 2 p: 22.

Worms are often concealed in the Cecum
 Colon when no medicine can reach them.
Do.



23

Exp^{ts} on the Anthelmintic Power
of Sundry Vermifuge Medicines. —

They act directly or indirectly. Such
as act indirectly are.

1 Bitter. & Astringents

a Worm put into a watery R ^e of Aloes lived	
2 hours & 48 m.	<u>Substances</u> — <u>Time</u>
Worms + Watery R ^e of Rhubarb.	1H & 1/2
— — — Bark —	Do. —
Tea — — — no Effect —	

2 Aromatics

In ~~Sulphur~~ — — — 5 m.
In — — — — —

* When worms are lodged in y^e stomach
& killed there, it is rare y^t they are discharged
whole - By the action of the stomach they are
ground to pieces - & perhaps go to nourish the
body. Earth worms eat in the East Indies.
See Panarobee

3 Purges.

24

In a watery ~~sol~~ of Gall ap — Above 1 Hour
 In Sweet Oil — in 2 Hours & 1/2
 In Beans foot — 1 Hour & 17 m.
 In Gutt: 2 Cam C: — Above 1 Hour.

4 Vomits —

Such Med: as act directly on Worms are
 either Chemical or mechanical. Those w:
 act chemically are. +

1 Salts of all kinds

A Acids.

In Vinegar — died in 1 hr 1/2 convulsed
 In Lime Juice — in 1 hr.
 in diluted OY — in 1 hr & 1/2

4 Powder of Steel — died in 25 m. $\frac{1}{2}$ hr.
~~was not the first time~~

In Powder of Tin — died in Above an Hour.

In Blue Vitriol — died in 10 m.

In powder of Steel with vinegar — Worms discovered
— red ft first manifest of Uneasiness. But lived
above an hour.

Rock Alum

10 m.

Vitriol. Album

$\frac{1}{2}$ an hour.

B Alkalies

25

with Sal: $\frac{1}{4}$ died in 2 m: convulsed throwing
up a mucus on $\frac{1}{4}$: Surface of the water.

C. Nut: Salts

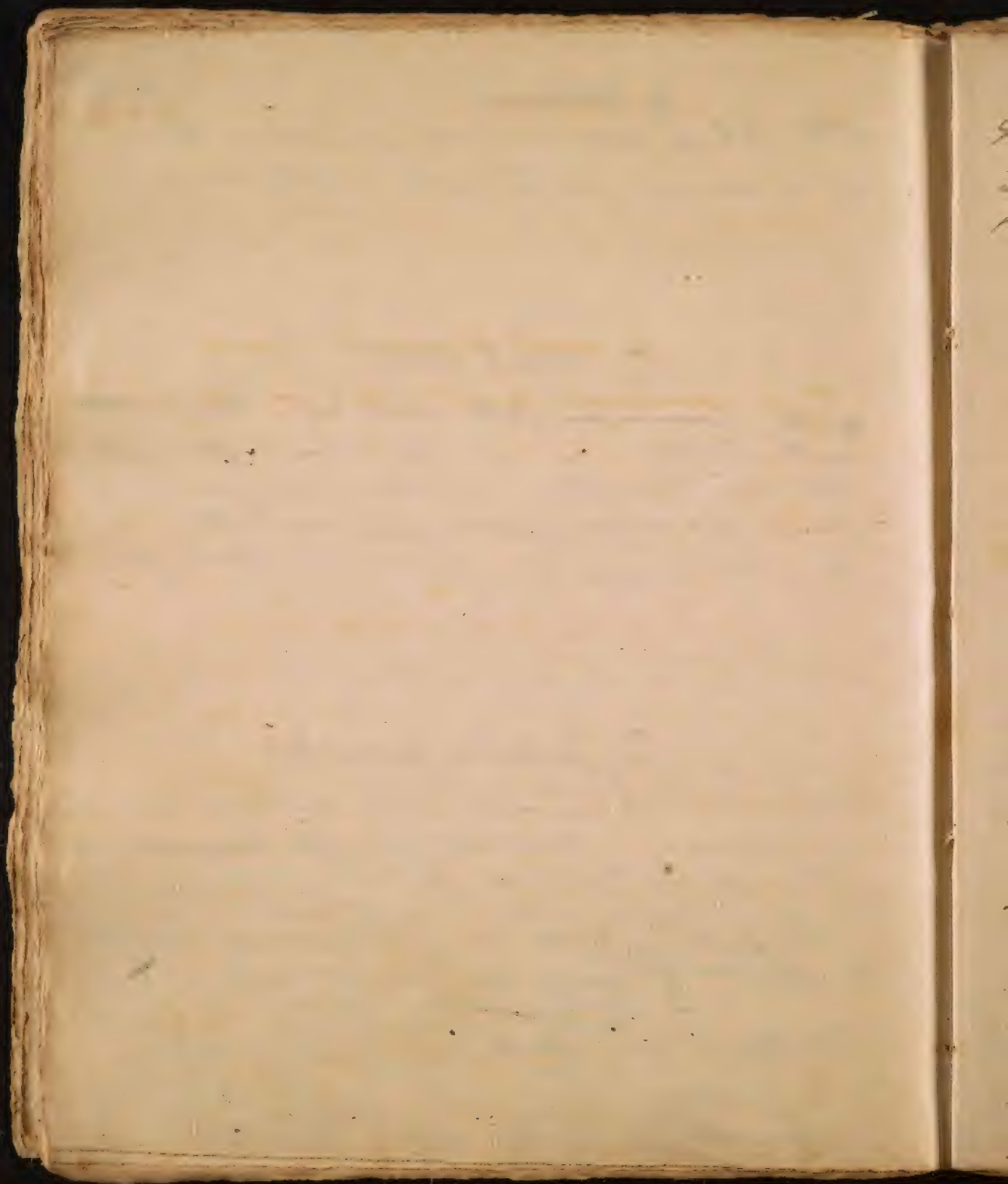
with Common Salt - died in 1 min: com?
with Nitre — — — died in 1 m: Do
In Sal. Diuretic — — — died in 1 m:
In Sugar & Com: Salt died in 4 m:
In Sal. Ammon: — — — in 1 m & $\frac{1}{2}$ -

D. Partly Salts & metallic.

In Plom: Ale: — died in 1 m: & $\frac{1}{2}$ convulsed
In Salomel — — — died in 49 m: Languishing
In Epsom Salt — — — died in 15 m: & $\frac{1}{2}$.
In Sack: Saturn: — — — in 3. m.
In Turpeth: min: — — — in 1 m: convulsed
In Sal: maris — — — in 1 m: Do X

2 Cal. Lactas.

Chalk - no Effect - lived 2 Hours.



see before: 3 Scatatives. 26
 In Carolina Pink Root - died in 39 m. slowly
 in a watery Tincture of Opium died in 11 m & 1/2 com?
 In Tobacco - — died - in 14 m.

4. ~~Herbs~~ fermented Liquors.

In common Spirit - died in 1 m: convulsed.
 In wine & madia died in 3 m: do
 In Claret - — in 10 m:

5 The Juice of ripe Fruits.

In red Cherry Juice - died in — 5 m & 1/2.
 In Black Cherry Juice - in 5 m.
 In Currant Juice - in 2 m & 1/2 -
 In Gooseberry Juice - in 3 m & 1/2 -
 In Huckleberry Juice - in 12 m.
 In Blackberry Juice - in 7 m.
 In Rasperry Juice - in 5 m & 1/2 -
 In Peach Juice - convulsed in 25 m.
 In Plum Juice - ~~in 13 m~~ in 13 m.
 In Water Melon Juice - ~~in 13 m~~ in 13 m.
 6 Fatted Substances

In water &c of Apuleia - died in 27 m.
 In Onion Juice - died in 3 m & 1/2 see above
 In Anonice - no remains above 1 Hour in 27

^{the}
10: Aromatics

In Camphor — 5 grains

In Pimento — 3 m & 1/2 —

In Black Pepper — 45 m:

In Mustard — near 1 Pound.

7 Essential Oils.

27

In a few Drops of Oil of Wormwood - in 3 m. lived:
 In — of Mint — in 3 m:
 In — of Caraway Seed — in 3 m:
 In oil of Amber — in 1 hr & 1/2
 In oil of Sassafras — 4 m & 1/2 —
 In Petroleum — 8 m: - in Hauls
 Oil of Turpentine — 6 m: - Hauls
 & Arsenic. near
 In a watery sol: of Arsenic - lived ~~2~~ 2 Hours
 In Realgar — — — lived near 9?

9 ~~Sweet~~ Pectineal Substances

In Honey - died - in 7 m:
 In molasses — — — in 7 m:
 In Brown Sugar — — — in 1/2 an hour
 + In Oxy Gallit — — — in 3 m. & 1/2.
 In Manna — — — in 2 m: & 1/2 -

10 Anomalous Substances

In ~~Bohian~~ Powder — died in 1 m & 1/2 -
 In Δ dissolved in Oil — no Effect - lived 2 Hours
 Officious min: — no Effect - lived 2 Hours
 Δ — no Effect 19 1/2 Hours



10 Anomalous - cont?

28

Crude Antimony - no Effect -

Oil - no Effect & Wounds out Breath - taken
from Oil, destroying the both Yin & Yang - these breathe
- in from this -
no Worms

(Can get
in -
Land.

on y^e whole attend to the Dictates of Nature
- wise in preserving Health, Altho' not always
~~either~~ ^{right or} prudent in restoring it. (Cud?)
call him for salt - Sugar & Fruits as
The Syr: of Abbaye Tree Bark - excellent.

to Dr Gardes

Sir!

I ~~was~~ I have now begun the
study of Physics I have been taught to esteem the
name of Dr Gardes. But never heard nor
knew so much of it within these few weeks
I have heard so much of your Principles
Maxims - & Practice in Medicine that
from Mr John Brownson - a friend (of Goyia)
that I have permitted upon myself to take
the liberty of writing to you. Where
there is anything like a sameness of
opinions there will be an attraction of
Heart. I shall beg Pardon for so poor
an introduction to this Letter as my attachment
to you may be charged as much upon
a liability to myself as a regard for
you - ~~I am very much~~ ^{to inform} ~~to inform~~ ^{to inform}

29

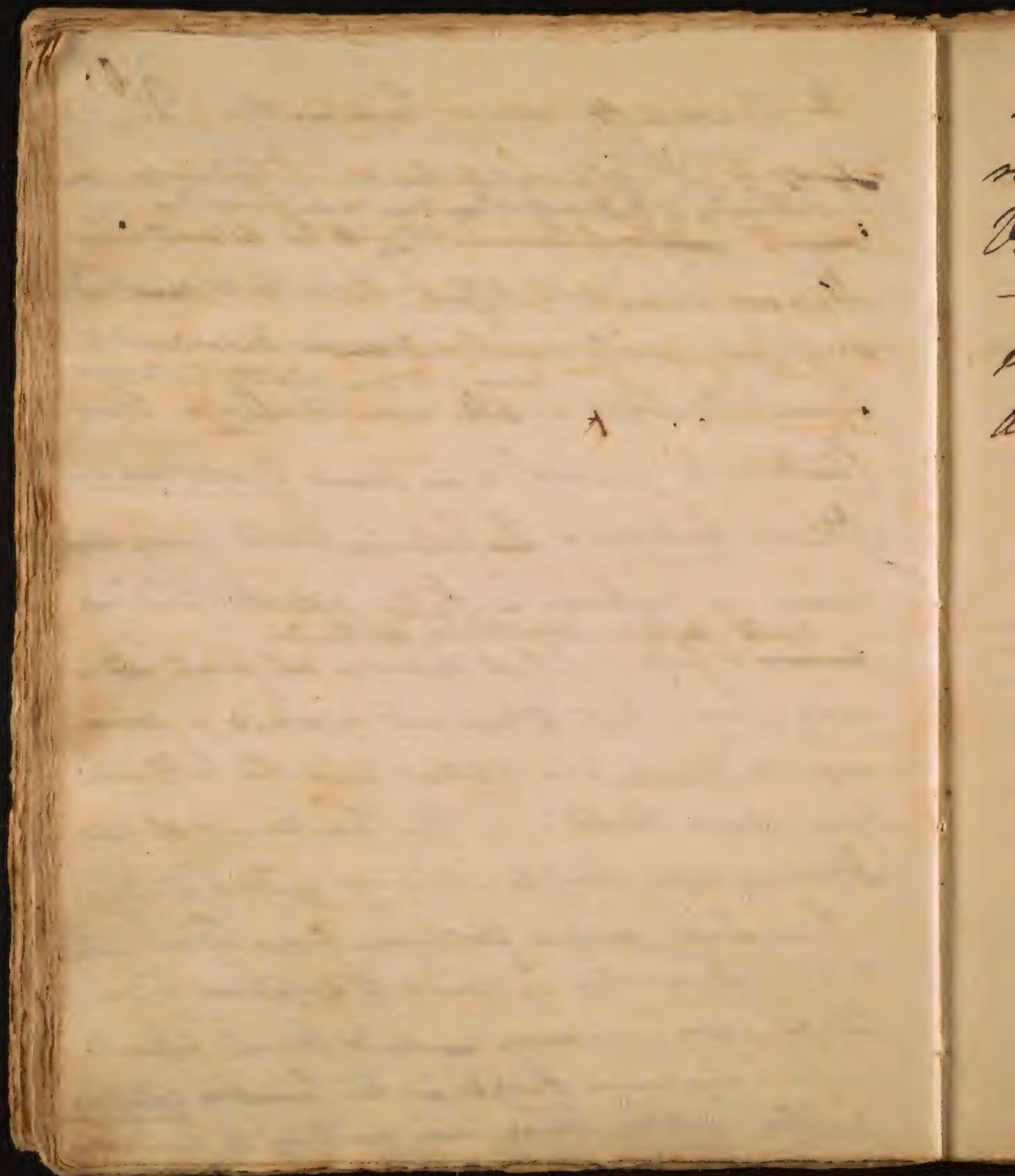
Ch^r: of the Influenza in 1771-2.

+ Cold Epidemic here generally every winter.
 Soon After Christmas - Definⁿ: of a Cold.
 - Is contagious - the putation of animal
 Origin - Story from St Kilda ^{& most of the} - the Cold
 worse this year than formerly - owing to
 the weather being so variable - warm
 succeeding cold - 1. Down 3 Days alike - Wind
 from every Quarter in a Day accom^d ^{the} cold
 - Moisture &c - River three or four
 times froze over in the ~~the~~ thawed in the space
 of 2 Months. - Begane in some wth sneezing
 - 40 or 50 times a Day - ~~the~~ Itching across
 the nose - Pain over the Eyes - Forehead - Some
 of violent Pains in ^{the} Jaws - Toothach - Stiff
 Neck - Some of Pains in the Ears & Deafness - In
 most attended wth ~~the~~ ^{the} oppression at the
 Breast. ~~some~~ ^{the} ~~the~~ ^{the} Cough - many sore Throat

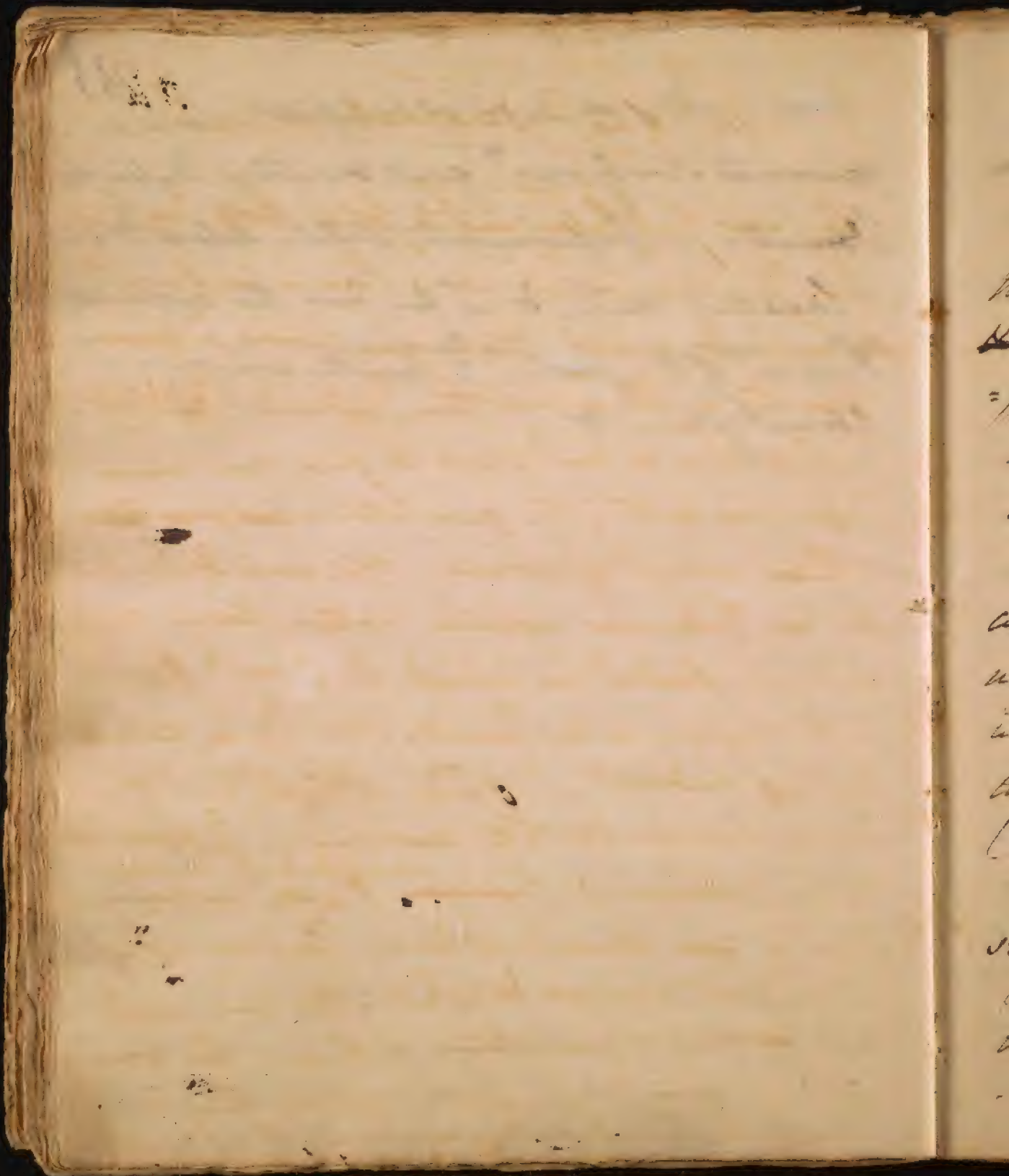
because he thinks or acts like ourselves
~~now~~ may be const^{repeated} into self-love. But
Notwith^{stand}ing is the cause of most of our
Attachm^{ts}: & in the end appears contr^{ary}
for wise purposes in & Overt of self world.

I shall begin this Letter

& Hoarseness - some Pain in the Side ^{Shifting}
 - So to Back - almost as low as y^e Kidneys - some
 suddenly of Giddiness & ^{some} vomited - the
 comp^{ts} ~~low~~ of their heads - & In a word every
 Disease seemed to affect those Parts most w^h
 were previously weakened or disordered. ^{some had some inguities inside out.}
 Laurent De Logan - all were chilly - This
 Chilling period? - in some Quotidian - in
 others tertian - The Intermittents very com-
 mon in Autumn - Pulse notwithstanding
^{hard - active - sometimes slender}
~~active & full~~ - Blood drawn at first seldom
 very rich - but afterwards more so - some
 required three or four bleedings before the inflamⁿ.
 Symptoms Abated - The Treatment of this
 Disease was simple - always guided to Of:
 - Low Diet - entire Abstinence from Flesh - Wine
 & every thing else w^h tended to support y^e ^{the} ~~the~~ ^{the} ~~the~~
 Ailment very common in the & much followed
 by the common People in this Country of stopping
a Cold - Blisters sometimes necessary to the Sides -



Nuch - Sides & arcing as affected. Such as
 recovered slowly rec? great & sudden Relief for
 Vomits. — Confinement useful - diluent Drinks
 - laxative med. - & in few cases the diaphoretic
 Paper^{as} of 8 - parti⁴ th I methe were given w:
 Advantage. — +



March 1771. -

32

Acc^t of an Hydrocephalus internus.

^{of 9 years of age}
A negro girl belonging to John Potts Esq^r of
this City - was seized with a pain in her Breast
& Fever & several other symptoms w^{ch} accom-
panied a cold w^{ch} was then Epidemic in the City.

- I ord^r her to lose blood - & gave her some
opening Med^c. - She grew better - but ~~the~~ ~~the~~

Pulse came of nothing - appeared dull - But
as her Pulse was regular - rather slower than
natural - I attri^b her Dulness to y^e ven^{er} Dejection
in the negroes in this Country shew upon the most
trifling Indispos^{it}. - 8 Days after the first of her
Complaining - had Fitta. ~~some~~ soon in y^e Morning -

- Lay afterwards ~~lifeless~~ ^{insensible & pulseless} Pulse uncommonly
slow - ~~was~~ alarmed at these Symptoms I began
to suspect worms & asked if she had ever
had of any Symptoms of them - far from it
uncommonly sprightly till the Day she was
seized wth the Disorder as in her Breast. I

nor Limbs.

↑

gave 6 grains of $\frac{1}{2}$ Iuncta - to no ³³ Effect -
- app? Blisters to many $\frac{1}{2}$ inch - limbs - but no
Response - did not even excite $\frac{1}{2}$ least heat?
- ord? Glysters. & Cataplasms - still cont?
incurable - Pulse revived - grew quick & full
on the 16th Day - I now think of the Hydrocephalus
~~but could not~~ a Disease wth. I am very apt to
suspect since read Whyt & Fothergill in fact
but could not ~~give~~ admit the notion when
recollected y^t ~~it did not~~ the Disorder did not come on
in the slow Manner described by Dr. Whyt &
y^t it wanted no several of y^e Stages & most of
the Symptoms described by Dr. Fothergill. The
woman was heard to complain of her "Head" - or
of a "Sickness" at her Stomach ^{she died on the 13} 2 Days before
~~her death~~ her Right Eye closed - & her whole right
side became paralytic - I found no Diff?
in getting the consent of her Master to open her.
- Upon opening the Abdomen & examining each
Gutta carefully found no Worms - but an

[Faint, illegible handwriting on aged paper, likely bleed-through from the reverse side.]

[Partial view of the adjacent page, showing faint handwriting.]

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unusual Quantity of fluid - Upon dissecting
the thorax found the Lungs slightly inflamed.

- I now opening the Brain. ^{the} ~~in a~~ certainty of find³.
~~the seat of the disease~~ The Blood vessels a good
deal torpid - Upon thrusting a knife into the
left ventricle a gill of clear water ~~do~~ was
discharged - none of the other ventricles
contained any. - It was now fully convinced
that this was the cause of her Death. Shall
be happy if this Post add any thing to
the knowledge in this subject - ^{it} maybe open
to ascertain the species & variety of this Dis-
-order tho' incurable - ~~may it be~~ are they not
diversif^d by the seat of the water - These ~~mount~~
by Dr Whist found in the Anterior Ventricle
only. How far the Par Hemisph^{le} in - want of
Fichers - Head ² look may indicate the water being
seated in the later² ventricles future Dispo-
-sitions must discover.

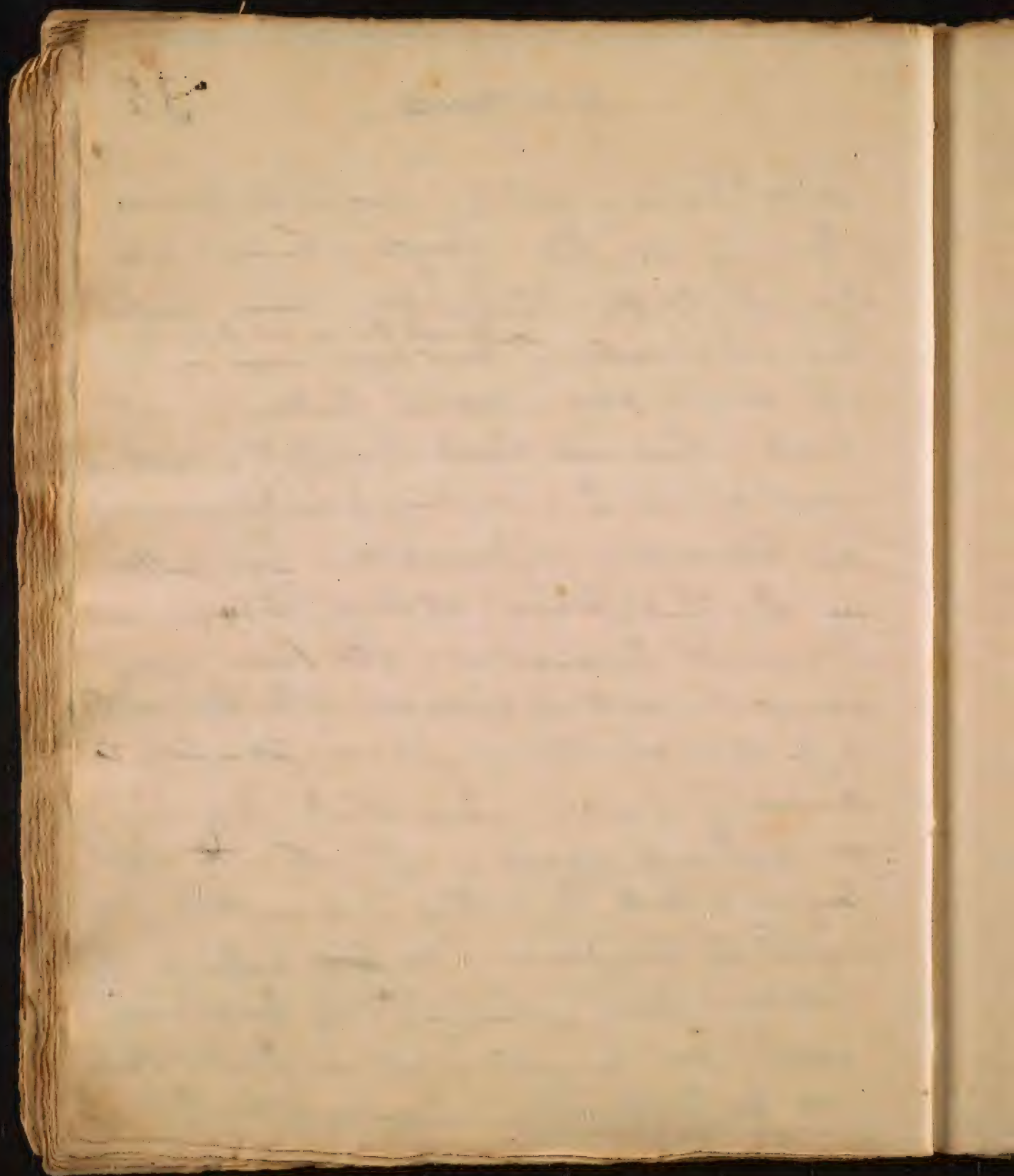
To Dr Huch.

Yes or B. Fresh

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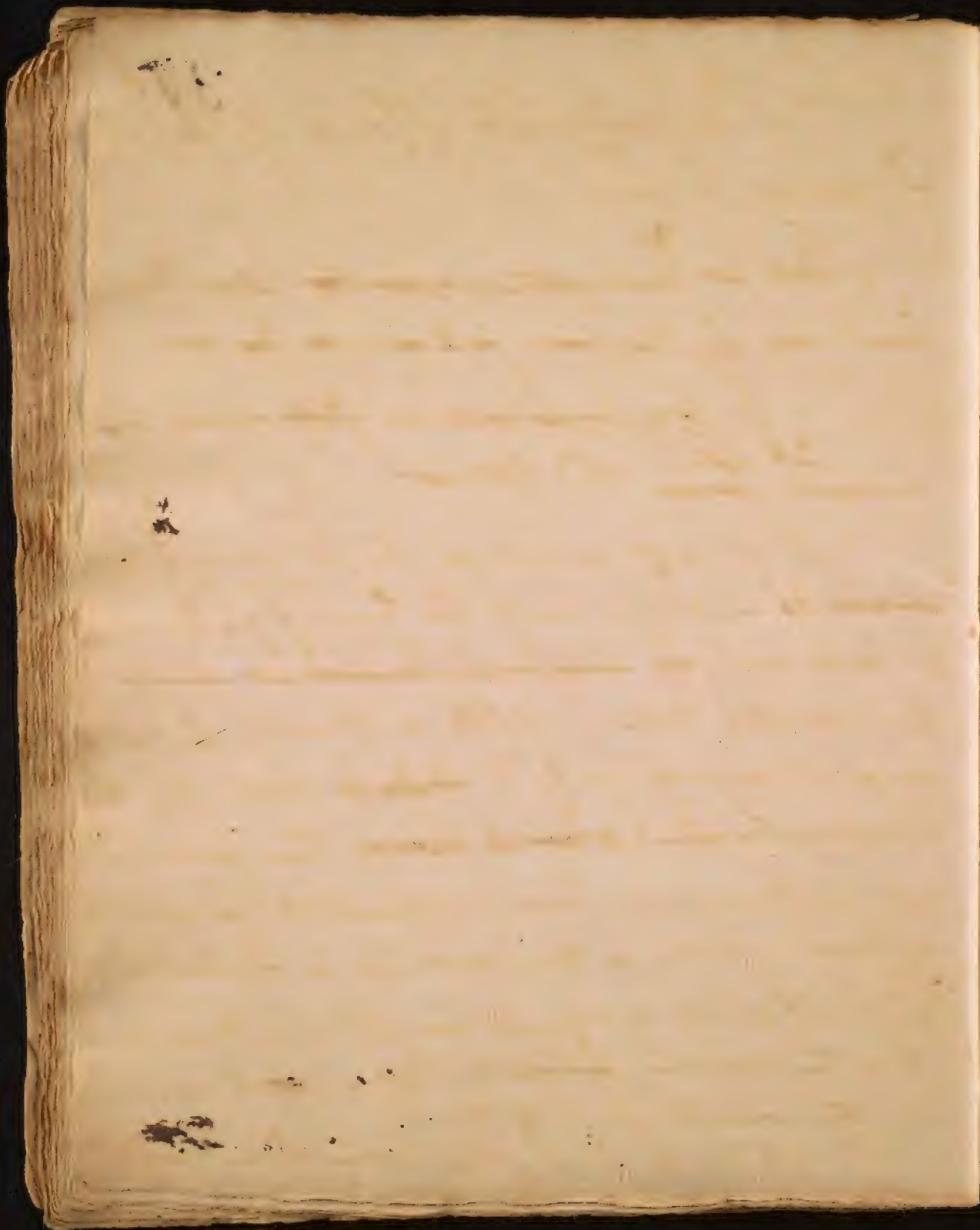
[Partial view of handwritten text from the adjacent page on the right.]

Dan Lowe - aged 44 - com^d? in March
of Pain in his Side - Cough - Fever - was
bled plentifully - blistered &c. - Pain, shooting
thru his Shoulder - ^{could not lie on his left Side.} - most acute pain in his
Side on the 8 Day - After this Stillness - cold
Sweats - Pain now abated - But Diff^y of breathing
cont^d? attended wth a Sniffling & an Expansive
the Rima Nasi in Inspiration - large Swelling
in his Thigh & Leg - at first phlegm: but
Afterward Adumbrates - all Pain now
vanished - could lie alike on both Sides - Diff^y
of breathing & Restlessness of same. At a Loss to
know w^h it was - One while These atchie -
from Decub: - pain in y^e Shoulder: - ~~at~~ slight
cough - & lastly the swelling w^h resembled a Case
munt^r: by Morgagni - no ~~low~~ swelling - or
tightness there - when y^e Diff^y breathing
came on suspected Water on y^e right Side,
or ~~in~~ Empiema. - Certain of an Abscess



36





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38.

Inquiry into Cause of Sleep &
Dreams. I

~~Sleep is brought upon the Body by Sleep~~
~~but not by the following Causes~~

1. By ~~Compression~~ ^{Compression} on the Brain. - This
is what ~~is~~ ^{is} Opium.

8 pag

I do not intend in the following ~~to~~
~~not~~ to enquire into the Cause of Sleep which
is ~~brought on by Artificial Means~~ such as by
the sedative Action of Gold or Opium, but shall
confine myself only to ~~show~~ that Sleep ^{is}
is Natural, ~~which depends upon~~ ^{is} ~~the~~ Cause ^{is}
induced Sleep have been supposed to be either
a Compression of the Brain, or a Depletion of
a Fluid which is secreted in the Brain, & conveyed
thru the Nerves ^{from} ~~out of~~ the Body, - ~~and~~ we shall
briefly consider each of them.

A Compression of the Brain from ~~the~~ ^{the}



Effusions of red blood, ^{or} serum. - from Tumors 39
or external wounds we grant ^{in some} ~~never~~ fails to
produce sleep. ~~as we see in the Apoplexy~~ But
this sleep is of a morbid nature. It is the
pathognomonic sign of an Apoplexy. It is ~~is not~~
Natural sleep both in its Degree & Duration. The
Phenomena of sleep in general. particularly
the sudden sleep ^{to} which we wake from it
prove that it cannot depend upon a Compression
of the Brain from any of those causes which
have been called into account for it. —

That sleep does not depend upon an
Exhaustion of a fluid secreted in the Brain & conveyed
from the Nerves we infer from 1st The Possibility of
^{bringing on or} putting of sleep at our Pleasure & from the
Phenomena of many Diseases in which we observe
Patients live several weeks ^{the} without it, & lastly from
the Analogy of the other Sensations which we see
performed in the waking as well as in ^{the} sleeping
State. — A fluid we grant is secreted in ^{the} Brain
& conveyed by the Nerves. but ~~this~~ ^{this} ~~is the~~ ^{is not}

so far from being wasted I believe ^{the} w. & illu-
trious ~~Dr. Deane~~ ~~Dr. Deane~~ ~~Dr. Deane~~ Dr. Allen is
applied to nourish y^e Body.

In Order to render the Theory of the Cause of
 Sleep as clear as possible I shall ^{begin} ~~begin~~ begin a few
 Preliminary Observations upon ~~the~~ part of the
 Animal Economy, by Observing that

The human Body is provided wth a nervous System. ~~viz~~ The Nerves are distributed to every Part in such Manner that we know every where either Possibility or Impossibility. By the first is meant a sense feeling, by the 2^d a moving Power. These powers or Properties of the human Body are diversified in such a Manner as to form 5 distinct Senses each of which is endowed wth such distinct & peculiar Sensations that there is no material in Nature which is not subjected to them, or of wh^{ch} they do not convey some Knowledge to the Being - thus it is of the Mind & its immaterial Origin of

Heart variety 0
in the nerves. There is a perpetual ^{coming} of
Impressions from external Bodies which ~~to~~
keep the Body in what Dr Cullen calls an
excited state. - Light - Sound - Cold - Heat -
- & the Action of ^{all} Muscles ~~to~~ ^{are} ~~the~~
~~Impressions~~ ^{all} ~~will speak of.~~ - Besides ^{together} ~~these~~ ^{there}
~~are~~ ^{with} certain internal Impressions or Stimuli
arising from reflex Sensations which ^{all} ~~and~~ ^{lead} ~~to~~
to keep up the Excitement of the System. Now let all
these be removed - let a Person at any time
of the Day shut himself up in Dark Room remote
from ~~the~~ noise of every kind - let him lay
down ^{on} a warm Bed upon his Back & for in
this Posture fewest Muscles are brought into Action.
- Let him cease from thinking, especially
upon those Subjects ^{the} are accompanied w. reflex
Sensations, & the consequence will be ^{the} Person
thus situated will ~~depress~~ ^{depress}. The Human Body
^{therefore} is not as Dr Boerhaave supposes an Automaton
or self moving machine
- in the strict meaning of ^{those} ~~that~~ Term. It stands
in ~~the~~ need of the constant Action of Stimuli
or Impressions to keep it in motion. The

waking state is a state of Violence to the System.
The Resume & Alternate Action of Impressions on
of Body are of only means of preserving Life,
& should these be abstracted for any length
of time, Life would be extinct. — The Cause of
Natural Sleep then as I apprehend consists
in nothing else but an Absum of Impressions
from the System. But the mere Absum
of Impressions is not vis to bring on Sleep.
— This ^{is} but a remote Cause yet. we shall
now enquire into the proximate. The
Brain like every Other Part of $\frac{1}{2}$ Nerv. System
is liable to the Alternate states of Tone & Laxity.
— In the waking State we observe it to be tone
if I may be allowed the Expression. The more
complete this Tone the more Vigor we observe in
the ~~the~~ System. This Tone in $\frac{1}{2}$ Brain is kept
up by the constant Action of $\frac{1}{2}$ Impressions
we have mentioned. In Sleep the Reverse of this
takes place. From ~~the~~ ^{the} Abstraction of the Impressions

Increase the strength & Vigor of ^{the} Body.

From ~~the~~ ^{the} w we have said we may ex-
plain y Reason why certain simple Sounds
such as y Colish Noise - the Noise of a falling
Stream of Water - the gentle Beating of Rain
upon the Roof of a House, or any other
Impression ^{the} is not accompanied w. ~~an~~
reflex Excitation brings on Sleep. By fixing
y Attention of y Mind to One ~~Object~~ Impression
only it renders it impossible to carry other,
so y: the System having few Impulses to over-
come soon sinks into ~~an~~ Equilibrium
or State of Rest. I can at any time bring
Sleep upon myself in Bed in a manner
analogous to this, that is by fixing my Thoughts
entirely on One Subject. I always take Care
not to let this Subject be of a very interesting
Nature. & we may learn likewise the
Reason why People in deep ~~Deep~~ Sleep 10

soudly. I have heard the Reality of the
most poignant Grief called in Question from
this circumstance. It is owing to the Mind's
fixing itself solely upon One Subject. Sudden
transitions from One Subject to another
tend to keep of Sleep as every new Subject
is a fresh Stimulus or Impulse to the system.
~~whereas an Attention to One reality~~ ^{& which} in time
begets an Insensibility to itself. Even tho'
it be accompanied w. reflex sensations.

✓ This is the ^{downy} case w. Persons in Love. ~~the~~ ^{The}
Mind is then agitated between Hope & Fear. Hence
all the Poets & Philosophers have derided
the Lover as unable to sleep. Dr. Johnson's words
upon this Subject are truly elegant.
"Sonnus eriae vocatus usque ad Auroram
deserit." —

We come now to enquire into the
Cause of Dreams. Without taking Notice of various
Opinions concerning them I shall go on to ~~change~~ ^{propose}
~~that Dreams are by no means~~ ^{connected} ~~connected~~

Sleep. I adopt the notion of Mr Locke in suppo-
sing that the Soul does not always think &
join with him in the following solid Reason
Deliver an Opinion founded upon the
Creeping Aw of the Cause of Sleep. - ~~From~~
~~Degree of~~ We all acknowledge the
Union of the Soul & Body to be such y: the
Faculties of the former requires a certain Tone
or healthy state ^{of the latter} in order to exercise themselves
properly. Different Deviations from this ^{occasion} cause
different Deviations from in their Faculties from
~~want of perception~~
a mere Lops of Memory down to entire want
of Perception ^{or} State of Idiotism. In ^{an} entire
Collapse of the Brain there is a complete Sus-
- pension of every Faculty of the mind - But
when ~~this~~ from the Pressure of some particular
Impression this is not the Case, ~~then~~ this ^{entire} ~~Brain~~
~~collapse~~ ~~collapse~~ ~~collapse~~ does not take
place. ^{then} The Faculties of y Mind are exercised,
~~that is~~ in proportion to the ^{force} ~~quantity~~ of the

bro't into Action remains in an excited state.
The Reason why these Actions never fatigues
is because they are not ~~act~~ ~~The~~ ~~Delirium~~ ~~starts~~
we learn likewise of Dreams why People who
Sleep uneasy, - whose minds are much interested
in any particular Subject, or who are exposed
to Impulse from any other Cause are generally
of greatest Dreamers. The entire Abstraction of
all Impressions is absolutely necessary in order
to admit of a complete Collapse of ^{the} Brain. we
learn further why a dark & silent Chamber -
a soft Bed - previous Labor or Exercise - lying
upon ^{the} Back, & lastly why Tranquility of mind
~~causes~~ ^{causes} a Man a ~~great~~ ^{number} of Dreams. These Impulse
from all quarters is removed, & there is nothing
to prevent an entire Collapse of ^{the} Brain. ~~The~~
The idle & luxurious are generally the most prone
to Dreaming from the disordered state of ^{the} Body
w. ^{the} Pleasure & Luxury bring on. Labourers seldom
dream much. Besides these many People ^{even} ~~do~~
dream at all. ~~How~~ ^{How} the Lorette tells us a story of

a Man who never dreamed till after he had
 been afflicted ^{the} w: a fever in the 25 Year of his
 Age. Dreams therefore should be looked upon
 as a Morbid state of the Body. & that too in Pro-
 portion to the Nature or Number of the Faculties of
 y^e Mind w: are ~~disturbed~~ exercised in them. —

In Order to show that this partial Collapse
 of y^e Brain takes place in Dreams ^{we shall} ~~we shall~~ it will
^{draw the analogy between} ~~draw the analogy between~~ them, & the state of
 y^e Faculties in Disorders of Brain, for Comparison.
 Let it arise from w^h cause it will produce exactly
 the same changes upon the Faculties of y^e soul, ^{with} ~~as~~
 this partial collapse. In the 1st place we observe
 in many Diseases particularly Fevers a want of
 Understanding. or false Perceptions. Persons are called
 by ~~the~~ wrong Names, & mere shadows are mistaken
 for Objects ~~full~~ of Terror or Fury. 2 we observe
 a want of Memory in many Diseases but more
 especially in ~~the~~ Fevers. Now often do we hear them
 call for something to eat or drink, & yet in

a few Minutes forget their having for any
thing. 3 We ^{sometimes} observe an Abuse of γ moral
Faculty in ~~mad~~ Disorders. I Once ~~heard~~ ^{heard} of ~~one~~
~~an~~ ^{ED man} ~~of~~ the most exemplary Virtue utter
~~some~~ ^{an} ~~expressions~~ in the last Stage of a Thromb which
which shocked all the Bystanders
and ~~was~~ ⁱⁿ his healthy State he is
have died sooner than expected. Now often do
we see maniacal Patients ^{formity of the most amiable Tempers} perpetrate the
most enormous Crimes such as Ingratitude -
Revenge - Suicide &c. ~~the~~ ^{many} Instances of
this kind might be ment: without number.

- Now do we not observe something strictly
analogous to these Things in Dreams. - In $\frac{2}{4}$ 1:
place we observe a Defect of Understanding. we
dream of γ ~~great~~ ^{great} Absurdities without being in
 γ least surprised at them. Thus I have dreamed
of seeing the Point of a Lancet Rose for some
time like a Candle without once recollecting that
the Metal of γ it was made was ⁱⁿ capable of
Inflammation. 2 In Dreams we observe
a want of Memory. Who has dreamed of seeing

Persons & Objects which ~~had no history~~ we were
 sure were either dead, or removed from us
^{the} want recollecting these circumstances? But
 3rd In Dreams there is sometimes an Abuse
 of the moral Faculty. Hence we find many
 People dream of violating the sacred ^{Law} Rules
 of Honor - Chastity & Justice ~~from~~ ^{at} which
 they would have shuddered in y^e waking
 Hours. This Fact by the by proves above
 all things y^e divine Original, & congenial
 Nature of y^e moral Principle. It is interwo-
 ven in our very Constitution - ~~born~~ and
 exists there antecedent to all knowledge or
 Ideas acquired by Sensation or ^{& Reflection.} Experience.
 The different Modes of Education & y^e Customs
 of different Nations may alter or corrupt
 it, but this no more changes its nature,
 than y^e Jaundice does y^e real colour of any Object.

or Blindness extinguishes the Sun. The
Man therefore who loses, or corrupts this
Principle labours under ~~the same~~ ^a misfortune
~~that a man does who~~ not much unlike him
who loses his Memory - Understanding, or
Taste ~~by~~ ^{from} some external Causes. It is no Proof
of the ~~weakness~~ ^{want} of ~~our~~ ^a reasoning Faculty that
the mind when clouded by Prejudice or overawed
by Superstition, admits Things for truths which
are evidently false. - nor is it any more a
Proof of our wanting this moral Faculty that
different Nations have ~~had~~ made different
Things Objects of it, inasmuch that in some
Places Virtue has been called Vice & Vice Virtue.
- This Argument if pursued a little further
would show much ^{more} with regard to primary
Truths, or those Things th are properly intuitive
becomes a Crime. The Man who calls
Good, Evil, & Evil, Good, who pleads the
Authority or Universality of Example

in Favor of ^{the} wrong or
 things - ^{or} who rejects the Evidences of Nature
 or revealed Religion, is as much to blame
 as he who voluntarily destroys his Memory
 or Understanding by Spirituous Liquors, or
 Other Acts of Intemperance, for ^{the} moral
 Faculty, or as it hath been lately called
 the Principle of common Sense, is naturally
 coeval wth them, & is alike an essential
 Part of ^{the} human soul. to return

I am at a Loss to say in w^h Order these
~~the~~ three Faculties of the Mind are suspended
 in Dreams. - Perhaps it is different in
 different People, & ^{in the same People} at different times. - But
 of this we are certain that ^{the} moral
 Principle is often ~~acted~~ suspended both in

+ see Reid's Inquiry, & Beattie's on Truth.

Dreams & in certain Diseases when there
are the most evident Proofs of Memory,
& considerable ^{Power} ~~Loss~~ of Understanding, so that
it cannot be supposed that it owes its
Seat in $\frac{1}{2}$ mind to Experience or Reflection.

The Soul ~~to~~ we see ~~there~~ is active
in the sleeping as well as in the waking
state. This we may infer not only from ^{its}
most active Faculty the ^{see Elem. of Psych. Vol. I. p. 337.} Imagination being
concerned in it, but from the Subjects of
Dreams having so little Relation to the Occur-
rences or Acts of the preceding Day. The Mind
in Dreaming proceeds in ^{the} same manner in
its Transitions from One Subject to another
as in in the waking state ~~and~~ ^{only} with this
Difference ^{that} its Operations ~~there~~ ^{are universal &} from the
Want of a due Tone in ^{the} Brain ~~are~~ are
irregular ^{hereafter} ~~Consequences~~ Should we
therefore admit ^{the} Existence of the Agency of
immaterial Things upon our Minds, in

we can hardly believe if we suppose ^{by} ~~them~~ to
be intelligent that they would choose so impro-
per a time as sleep to instruct or reveal future
events to us. Seeing that both Instruction &
Prophecy w^d be liable to be forgotten or from
their Inconvenience to be disregarded. There is a
fact in ~~the~~ ^{the} w^d has been but little attended to
~~by the w^d~~ shows how much the mind ~~is~~ ^{is}
Dreams exercises itself in y^e same way as in the
waking state, & ~~therefore~~ ^{that} it is not proper
~~and does not guide the action~~ Such as know
w^d it is to feel a strong Attachment to Relations
or Friends can witness how very difficult it
is to summon y^e ^m to our Imagin^{ing}: as ^{a Picture} ~~as~~
of them when they are absent from us. Our
Recollection of y^e ^m at all times proceed from a
deliberate Act of memory, but is seldom so vivid
as to have a place in y^e Imagination. Do
we not observe something like this in Dreams
- How difficult do we find it to dream of such
Persons or Objects as are dear to us? I have
heard a Woman say that she never dreamed
One of whom who was 3 years absent from her

Altho' she did not part an hour off time
when she was ^{the} wont thinking of him.

I conclude therefore that there is nothing more
ominous in our Dreams ^{2.} in our waking
Thoughts. Once in an hundred times, we may
see points ^{which} bear some Relations to our Dreams
but these are trifling when compared with
y. Relation our waking Thoughts bear to future
Events, & yet these have never been regarded
as Ominous. Dreams therefore like many
other Phenomena of Mind depend entirely upon
Physical Causes.

Let it not be used Against me,
that Dreams are spoken of as ominous
in the Scriptures. In those Cases where they were
consistent, or were some important Purposes
were bro't about by them, they are to be
looked upon as supernatural. Here our
Inquiries are therefore ought to cease. But
I am far from thinking that in all Cases
they sh^d. be regarded as coming from above.

Magnified are ^{the} names in all ages
 to justification in y. human mind - certainly
 Religion is so far from curing the mind of ~~the~~
~~the~~ that we find it even ~~and~~
 cleaving to Inspiration itself. Besides the revela-
 tion in y. Scriptures was ~~not~~ not intended to over-
 throw common place notions in indifferent
 matters any more than it was to deliver a
 System of natural Philosophy. To argue that
 therefore in favor of Dreams being ominous, or of
 divine Oracles from the Belief ⁱⁿ good ~~that~~
 were entertained in them is as absurd as to argue
 in favor of Polygamy or Lying from the
 Practice of Abraham or Rahab. ~~It is not~~
 of y. divine goodness ⁱⁿ cannot be too much ad-
 mired, the concealing future events from us. How
 owes much of y. ^{to} by it imparts & Evil is greatly
 lessened by our not expecting either of y. ⁱⁿ
 "Blindness to y. ⁱⁿ action &c

To suppose further that the Deity interposes in
 revealing all the little incidents which happen in
 narrow circles in which we are usually more or
 at once dishonorable to Religion & common sense.

Repeat it again therefore if Dreams can
be kept from physical causes, they are to be
~~be~~ not to be looked upon as ominous any more
than Thunder To be distressed or pleased about
Futurity by Dreams, ~~is~~ is as absurd as to attempt
to explore future Events from the Raving
of a Madman, or a Person in a Trance, ^{as} They
are both occasioned ^{entirely} by physical causes. -

I shall conclude this Essay by adopting
~~the~~ ^{2^d} Opinion of Mr Locke of the Soul not always
thinking. In a complete collapse of y^e Brain
there is certainly an entire Suspension of the
Faculties of y^e Soul. Mr Locke's Reasons for this
Opinion are so strong & convincing that I
shall finish this Essay by transcribing
them. "

Thinking Does not constitute y^e Soul any
more y^e Motion does y^e Body - is only y^e
Property of it. —

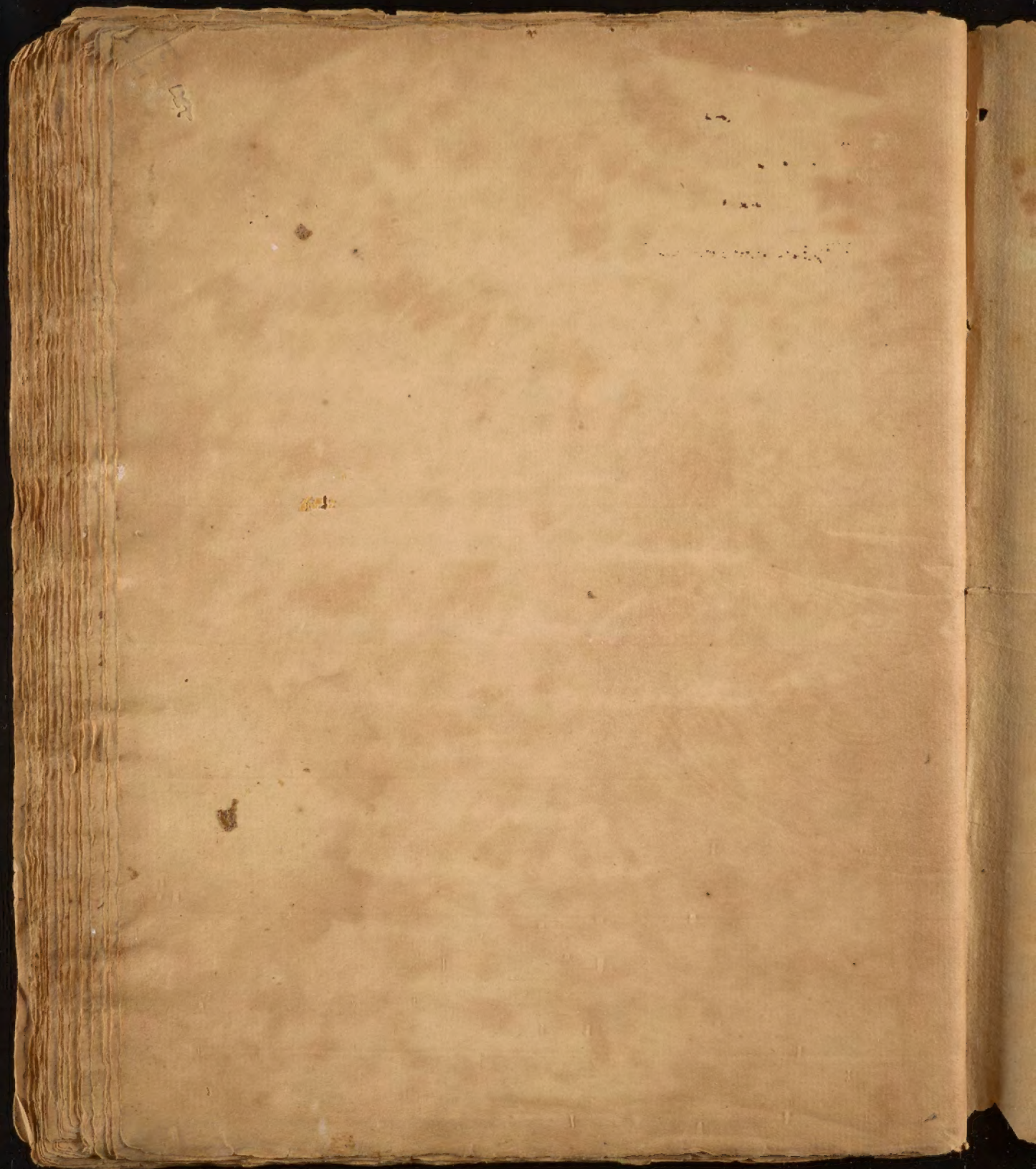


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2



Hemiptera _____

Epilary _____

Bothria _____

Hypochondriasis _____

1.

5.

9.

13.

Order

- 1 Diseases of Indians
- 2 Chinati
- 3 Bilious fever
- 4 Scabietina
- 5 Cholera Infantum.
- ~~6 Cold water~~
- ~~6 Fagopyrum esculentum~~
- 6 Lymnaea trachelis
- 7 Obsolete Intermittents
- 8 cold water
- 9 Pleuropneumonia
- 10 Consumptions
- 11 worms
- 12 Tetanus
- 13 dropsical diseases
- 14 Effects of civilization